Engineers Report

The Sonoma Index-Tribune.

VOL. XVIII. SONOMA, SONOMA COUNTY, CAL., SATURDAY, FEBRUARY 13, 1897. NO. 30.

SONOMA INDEX - TRIBUNE.

PUBLISHED SATURDAY MORNINGS.

H. H. GRANICE, Proprietor.

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☞ Yearly and Quarterly advertisements inserted at reasonable prices—a liberal reduction on the above rates being made. ☜

CHURCHES.

CATHOLIC—Father Quill will celebrate Mass on week days at 7 A. M. On Sundays Mass will be celebrated at 8 A. M. and 10:30 A. M. Services on Sunday evening at 7:30 P. M.

CONGREGATIONAL—Rev. C. E. Chase, Pastor. Services every Sabbath at 11 A. M. and 7:30 P. M. Sunday School at 12:15 P. M. Prayer meeting on Wednesday at 2:30 P. M. Young Peoples' Society of Christian Endeavor meets at 6:30 P. M. every Sunday.

METHODIST EPISCOPAL—Rev. O. E. Hotle, Pastor. Preaching every Sabbath at 11 A. M. and 7:15 P. M. Sabbath School at 10 A. M. Prayer Meeting on Wednesdays at 7:30 P. M. Young Peoples' Society of Epworth League at 6:30 P. M. Sunday.

SOCIETIES.

SONOMA LODGE, No. 28, I. O. O. F.—Meets in their hall every Saturday evening at 7:30 P. M.

TEMPLE LODGE, No. 14, F. & A. M.—Meets in Masonic Hall on the Saturday on or before the full moon in each month.

PUEBLO LODGE, No. 168, A. O. U. W.—Meets first and fourth Tuesday evenings of each month in Odd Fellows Hall.

REBEKAH DEGREE LODGE, No. 99, I. O. O. F.—Meets in Odd Fellows' Hall on second and fourth Thursdays of each month.

SONOMA PARLOR, No. 111, N. S. G. W.—Meets every Monday evening at Odd Fellows' Hall.

ORDER OF EASTERN STAR, Valley of the Moon Chapter, No. 85.—Meets in Masonic Hall Thursday evenings on or preceding the full moon.

YOUNG MENS' INSTITUTE, No. 45—Meets the first and third Wednesdays of each month in Odd Fellows' Hall.

SONOMA GROVE, No. 75, U. A. O. D.—Meets in Odd Fellows' Hall the first and third Friday evenings of each month.

PROFESSIONAL CARDS.

FREDERICK T. DUHRING,
Attorney at Law,
—AND—
NOTARY PUBLIC.
SONOMA, CAL.
OFFICE IN SONOMA VALLEY BANK building.

ROBERT A. POPPE,
Attorney at Law
OFFICE—EAST SIDE OF PLAZA, Sonoma. Notary Public.

Dr. Carl Walliser,
PHYSICIAN AND SURGEON. OFFICE and residence east side of Broadway, one block below the High School, Sonoma.

DR. F. K. MUNDAY,
Surgeon Dentist
PETALUMA CAL. OFFICE IN I. O. O. F. Building, 869 Main street.

SONOMA VALLEY BANK.
Transacts a
General Banking Business.
Deposits received and Collections made and remitted at the lowest rates of commission,
DAVID BURRIS, President, F. T. DUHRING, Vice President.
JESSE BURRIS, Cashier.

EAGLE HOTEL
MAIN STREET, Santa Rosa. One-half block from Courthouse.
The Best $1 a Day House in the City.
Good Large Rooms, Clean Beds, Meals 25c. Rooms 25c and 50c. Board and Rooms by the Week $5.
Special Rates to Families, Jurors and Persons Attending Court
Satisfaction guaranteed. J. ROBINSON.

House & Lot
FOR SALE.
Located on Broadway. A very desirable home. Only $1500. For further particulars apply to
H. H. GRANICE,
Real Estate Agent, Sonoma.

MISCELLANEOUS.

Won by Merit Solely.

Profs. Wickson and Woodworth of the State Experiment Station admit its superlative qualities. Edwin F. Adams, State Organizer Farmers' Institutes, says in place of lime, sulphur and salt mixture use it. Alex. Craw, State Quarantine Guardian, says he knows of no superior.

The thousands who have and are using it indorse the investigations of those eminent workers in the Horticultural field.

That

WHEELER'S I X L COMPOUND

When used at the same time and under the same conditions is not only as effective in removing the insect, but gives finer trees, better crops, less fungus troubles than when the lime, sulphur and salt mixture is used, and at a saving of 25 per cent.

Orchards upon which it has been used the same length of time as the lime, sulphur and salt mixture upon others are as clean of insect pests, have no trees of any kind of root affection, none have died from sour sap, and none exhibit gum diseases.

It is always ready for use.

If your storekeeper has not it in stock send to the

WHEELER CO.,
3660 Nineteenth St.,
San Francisco.

Put up in 60-lb packages. Prices in 5-gallon cans 4¼ cents per lb; in 2 qt cans 4½ cents. Drayage small lots 25 cents. Each pound makes six gallons spraying fluid. No order for less than sixty pounds filled at factory.

ELY'S CREAM BALM is a positive cure. Apply into the nostrils. It is quickly absorbed. 50 cents at Druggists or by mail; samples 10c. by mail. ELY BROTHERS, 56 Warren St., New York City.

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Marcy & Dunbar,
MANUFACTURERS OF
TINWARE.
AND DEALERS IN
Stoves, Hardware, Pumps, Etc.
Superior Tinware Made to Order on Short Notice.

HAVING RECENTLY ADDED ENTIRELY NEW machinery to our establishment, we are prepared to manufacture all kinds of Tinware to Order, which for durability cannot be beat.

PRICES REASONABLE.
East Side Broadway,
SONOMA, CAL.

COTTAGES TO LET

Two cottages, one on Broadway and the other on Second-street East. Rent very reasonable.

Apply to
H. H. GRANICE,
Real Estate Agent.
Sonoma, Dec. 26, 1896.

The Eagle Hotel, Santa Rosa, gives special rates to families jurors and persons attending court See ad. *

SEEKING A SIGN.

Sweetheart, the morn is drear
That dawns on drearier night without you here,
And day drags slow
To eyes and lips and heart that miss you so.

Sweetheart, beyond the night
That hides your dear lost form from mortal sight
Send me one word
Or sign that my soul's lonely cry is heard.

Sweetheart, not clasping hand
I ask, but I would know and understand
If it may be
One waiting spirit looks and longs for me.
—J. L. Heaton in "The Quilting Bee."

HEAVEN AND HELL.

Various Theories as to the Location of Paradise and Hades.

Hell and heaven beliefs had their origin about the year 150 B. C., and since that time there have been thousands of attempts to locate these places, the one of future punishment and the other of everlasting happiness. The old mediæval idea of hell is the one which gives us to understand that the devil and his imps have their furnaces and their caldrons and other articles of infernal utility constantly working somewhere within the bowels of the earth. On the other hand, we are told and believe that heaven is an abode of light, beauty and joy located far above the earth. One writer believes that heaven will be on a planet which will be prepared for the saints in the last day, and another believes that this earth, burned over and purified by fire, will be the final resting place of those who escape the horrors of perpetual punishment in the hell that has been prepared "for those who love sin." Dr. Whiston, the friend of Sir Isaac Newton and the first of the great race of "speculative astronomers," believes that hell is located on a comet.

But the most curious theory we have ever investigated was that advanced by Dr. Mortimer, author of "The Spirit of God as Fire." One of the several substitutes of this remarkable book was one which gave the reader to understand that the author believed that heaven is located on the inner globe of the sun. This substitute was "The Globe Within the Sun Our Heaven." According to Mortimer's theory, our sun is surrounded by an envelope or photosphere of flame 100,000 miles itself. Taken all together, this idea of the photosphere is a vast nonluminous void. Farther on is the great globe of the sun itself.

Taken all together, this idea of the sun may be aptly compared to a peach or a plum. The envelope of flame occupies the place of the skin, the "vast nonluminous void" the place of the meat of the fruit and the central globe (true sun) the place of the seed. On this sun globe, inside the great fiery envelope, Dr. Mortimer believed heaven to be situated. The photosphere or envelope of fire he took to be hell or the place of future punishment for the wicked. The "nonluminous void," according to Mortimer, is the "great gulf between," which is mentioned quite frequently in the Scriptures.—St. Louis Republic.

Saved by a Sausage.

It is possible to overestimate the courage of a robber, as may be seen by this story by Judge Seymour D. Thompson, given in the St. Louis Republic:

McNab was the hero of a hairbreadth escape. It was in Canada, where McNab, a brawny Scotchman, was a fellow colporteur of my father, the Rev. Seymour Thompson.

The two became separated on the night of McNab's adventure. The Scotchman was riding through a forest unarmed. He had a package of Bibles on one side of his saddle and on the other a string of frozen sausages, which were to be thawed and cooked for his breakfast. A highwayman stopped McNab's reflections and his progress at the same time.

The Scotchman was frightened. He never denied that. He had a little money in his boot, and he leaned over to remove the boot and satisfy the demand of the robber. His hand struck against the frozen sausages. He bethought himself of these. Perhaps they would be accepted instead of money.

He broke one of them in two and was about to offer half of it to the highwayman, when suddenly he found himself alone and heard the clatter of a horse's rapidly retreating hoofs. Badly frightened as he was, McNab laughed. The robber had mistaken the cracking of the sausage for the cocking of a pistol and had fled.

A Mouse's Quarter Century Run.

A wheelman hung his bicycle from the ceiling of his cellar and not far from a swinging shelf on which food was kept. A mouse jumped from the wall on to the tire of the front wheel, evidently hoping thereby to reach the shelf. The wheel started, and mousie naturally ran toward the highest part of it. It was able to stay on the top of the tire, but couldn't get enough of a foothold to jump to the wall. When found next morning, the mouse was very much exhausted, though still running. The cylometer showed that it had traveled over 28 miles.—Albany Express.

Why It Was an Outrage.

A country rector complained to a well known dignitary of the church that he had received only £5 for preaching a sermon at Oxford.

"Five pounds!" ejaculated the dignitary. "Why, I would not have preached that sermon for £50."—London Tit-Bits.

Loretto litanies cannot be traced beyond the fifteenth century and did not originate at the shrine, but were carried there by pilgrims. Such is the conclusion, after careful examination, of Father Sauren of Cologne.

It is said that the word "flapdoodle" was first used by Captain Marryat in "Peter Simple," where it was made to mean "the stuff they feed fools on."

The statue of Jupiter Olympius, by Phidias, was of gold and ivory and was 58 feet high. It was finished in the year 444 B. C.

Poisoning From Honey.

The old saying that every sweet has its bitter might be accentuated by the statement that honey sometimes contains the most active and dangerous poison. A case in point is related in a medical review as follows: A man and his wife ate honey. They took but a little, as they observed a burning sensation of the mouth and throat as soon as the honey was swallowed. Within a few minutes both were taken ill. There were nausea, severe pain and vomiting, then a loss of consciousness, coldness of the extremities, feeble action of the heart and collapse. No pulse could be detected. The wife remained insensible for several hours, but the husband was not entirely restored until the following day. Even then strength returned very slowly, and there was every indication of extreme exhaustion. A portion of the honey was treated chemically, and an extract was given to two cats; to one a small dose and to the other a large dose was administered.

The small one produced partial exhaustion, relaxation of the voluntary muscles and general depression. The large one took effect almost immediately, producing relaxation, vomiting, purging, prostration and almost complete loss of control over the voluntary muscles. The cat did not regain its normal condition for 24 hours.

A fairly thorough examination of the honey was made in order, if possible, to discover the nature of the poisonous element. No positive conclusion was arrived at, but the chemists were reasonably satisfied that the rhododendron and a few other plants of that class contained the objectionable substance. It is also stated that plants belonging to the heath family have been by botanists looked upon with apprehension, for the reason that they have been suspected of harboring the toxic qualities which accounted for the cases of honey poisoning.—New York Ledger.

With Burgoyne at Saratoga.

In 1791 an officer who had served with Burgoyne wrote a volume, which he called "Travels Through the Interior Parts of America, In a Series of Letters." The writer was Thomas Anburey, captain of the Twenty-ninth regiment, who was with Burgoyne at his surrender. In Macmillan's Magazine there is an excellent notice of Captain Anburey's work, and the condition of the English soldiers is thus explained:

Burgoyne's army was steadily diminishing, while the cords round it were surely tightening. All day and night from the surrounding woods whistled the bullets of the American riflemen. The soldiers were so inured to fire, we are told, that they ate and slept under it with scarcely any concern, while, to add terrors to the night, came the dreary howl of wolves, attracted by hundreds to such an unwonted banquet. The American sharpshooters were naturally in their element upon the steep sides of the wooded ravines that formed such a feature in every battle and skirmish. The longed for bayonet hung in idleness from the belts of the British infantry—there was no room or place for it. The soldiers had nothing but discipline and their native valor to make up for their immense inferiority in the use of the rifle to most of their foes, nor do we require Anburey's testimony to realize what a hopeless country was this in which Burgoyne's army now found themselves for the conduct of warfare upon European systems. For ourselves, we have always marveled at the fashion in which the British soldier of that day, half starved and ridiculously clothed, fought his way through superior numbers of his own race as well armed as he, better marksmen and familiar with the wild woods which to him must have been strange and terrible.

The "Ears" of Insects.

The naturalists have not as yet been able to answer the burning question, Can bees hear? But their researches along that line have resulted in many queer discoveries. Simply because a bee has no ears on the sides of his head it is no sign whatever that he is wholly without some sort of an auditory nerve. This last assertion is proved by the fact that grasshoppers, crickets, locusts and flies all have their ears situated in queer places—under the wings, on the middle of the body and even on the sides of their legs. The common house fly does his hearing by means of some little rows of corpuscles which are situated on the knobbed threads which occupy the place which are taken up by the hind wings of other species of insects. The garden slug or shell-less snail has his organs of hearing situated on each side of his neck, and the common grasshopper has them on each of his broad, flat thighs. In some of the smaller insects they are at the bases of the wings, and in others on the bottom of the feet.—St. Louis Republic.

Great Drunkards.

The question as to whether great men are ever drunkards must be answered in the affirmative, though argument is frequently made to the contrary. Cato was a hard drinker, while, in the language of one writer, old Ben Jonson was constantly "pickled." The poet Savage used to go on the hardest kinds of "tears," and Rogers observed, after seeing his own statue, "It is the first time I have seen him stand straight for many years." Byron says of Porson, the great classical scholar, "I can never recollect him except as drunk or brutal, and generally both." Keats was on a spree once that lasted six months. Horace, Plato, Aristophanes, Euripides, Alcæus, Socrates and Tasso of the old timers and Goethe, Schiller, Addison, Pitt, Fox, Blackstone, Fielding, Sterne and Steele were all hard drinkers at intervals.—Pittsburg Dispatch.

His Mental Burdens.

"Where do we go tonight, Henry?"

"I don't know, Agnes. I've had something awful on my mind all day, but I can't remember whether it is a progressive euchre party or the Browning class."—Chicago Record.

SUBSTITUTES FOR GLASS.

Three Compositions Coming Into Use In Europe.

There are several substitutes for glass in use in Germany, the chief among them being tectorium, fensterpappe and hornglas. Tectorium consists of a galvanized iron web covered with a gelatinous substance and is translucent, but not transparent. It is described as a substance that can be bent without being broken and is both tough and flexible. It is said not to be softened by the rays of the sun, is nonsoluble, and is not affected by severe cold. It is a poor conductor of heat and is well adapted for roofs on account of its extreme lightness.

When exposed to the sun, it loses its original yellowish color in time and becomes harder and more durable. One advantage is that it can be easily repaired in case it is cut, does not break and is well adapted for factory windows and skylights for hothouses, market halls, verandas, transportable buildings and for roofing.

For ordinary hotbeds and forcing houses, such as are used by most florists and market gardeners, there is another and cheaper substitute for glass in the so called fensterpappe, which is a tough, strong manilla paper, that may be stretched on large sashes or frames and saturated by painting the exposed surface with boiled linseed oil until it becomes translucent and impervious to water. Light wooden frames, 40 inches in width, and of any desired length, are provided and covered with the paper, which is fastened by nailing at the edges and then painted with ordinary boiled linseed oil until the paper is so saturated that the last coat of oil forms a smooth, glistening surface, like varnish. As soon as dry the frame is ready for use. It admits sufficient light for growing plants, does not require to be shaded in hot sunshine, is light, durable, secure against breakage by hail or ordinary accident, and, taking everything into account, is said to be about 100 times cheaper than glass. It is largely used by florists and market gardeners in the district of Frankfort, and their general verdict is strongly in its favor, although for handsome conservatories, skylights, etc., it possesses less durability and none of the neatness and elegance of tectorium.

Finally, there is a new product, called hornglas, which has been recently patented and placed on the German market. Hornglas resembles tectorium in appearance, with the difference that it is thinner, and consequently lighter in weight, and the insoluble gelatin with which the wire gauze is covered is whiter and more nearly transparent than tectorium, although it may be colored red, green, blue or any other tint that may be desired for special purposes. It is manufactured in two qualities, one being of heavier wire and with larger meshes than the other. The special advantage claimed for hornglas is that it does not soften under sun heat and is therefore adapted to use in any climate without the danger of becoming so soft and adhesive as to retain dust and dirt. Its uses and general characteristics are similar to those of tectorium.—St. Louis Globe-Democrat.

A Philadelphia Street Car Idyl.

The old Callowhill street horse cars, relics of the antetrolley days, were never remarkable for great speed. A lady and gentleman boarded one of these cars the other night about 10:30 o'clock and after jogging along for several blocks the car came to a standstill. Then the front door opened and the driver's head appeared. "Say, Bill," it called back to the conductor, "won't you run over to the drug store and buy me a stamp? I've got to write to my girl tonight." Nothing loath, Bill did as requested and, after a short chat with the clerk, sauntered leisurely back to his car. At Sixteenth street the lady and gentleman alighted, expecting to take a north bound car, but none was in sight. Turning to the conductor, the gentleman remarked jestingly: "You kept us waiting while you got your stamp. Why not wait here until our car comes?" Bill motioned to the driver, who was watching him, and said: "Jim, this gent wants me to wait here until their car comes. Can't we do it?" "Why, cert," replied Jim. The Sixteenth street cars were blocked, and it was ten minutes before one came along. "Good night," called Bill as his two passengers alighted. "See youse again!"—Philadelphia Record.

The Force of Habit.

Brooklyn contains more people who look to see that which does not exist, and which they know does not exist, than any city in the world. And it is simply because of habit. Nearly all the railroads in that city, in the older part of the city, or Brooklyn as it was before Williamsburg was annexed and assimilated, converge at the city hall, and until two or three years ago the town clock was in the cupola of that building. During the many years that it announced the time by bell and indicated it on its four dials to the Brooklynites every person who passed "the hall" looked to see what time it was. The habit became an instinct to most Brooklynites, and today, although they know that fire destroyed the cupola, clock and all, there is hardly a person who steps from a car at the City Hall square or passes the building who does not look inquiringly toward the spot where the clock was but is not.—New York Times.

The First Astronomy.

The beginnings of astronomy were on the tops of towers of Babylon and the pyramids of Egypt. It is believed by many writers that both classes of structures were erected for astronomical purposes. As early as the time of Job, nearly 2,000 years before Christ, most of the stars had been divided into constellations. The writer of Job mentions Arcturus, Orion and Pleiades as being familiar. The modern science dates from the labors of Copernicus, Tycho, Brahe and Newton.

OXYGEN AS A HEALER.

A Record of Several Valuable English Experiments.

During the Zulu war Dr. George Stoker, who served during the campaign as an army surgeon, had an opportunity of observing the method in which the natives treated their wounded comrades. He noticed that they carried them to the highest point attainable, and there exposed the wounds to the purest air and the action of pure water. This simple remedy was swift and sure, the worst cases yielding rapidly under its influence, doubtless the healthy state of the blood and the abstemious lives led by the natives having a good deal to do with the matter. Dr. Stoker was led to believe that the oxygen cure might be applied to ulcers, burns and wounds of a similar nature, and on his return to this country he made several experiments on such cases, and the more he saw of it the firmer was his belief in his discovery. Bacteria consist of two kinds—the harmful micro-organisms and those necessary to the system, in order that the mechanism of the body may be carried on satisfactorily. Before the discovery of antiseptic surgery the risk which was run wherever a raw surface was exposed to the air was enormous, but with the introduction of antiseptics into the treatment the danger was reduced to a minimum. Iodoform has always been the special medium for use in the case of ulcers, and it is not a pleasant one, but it tended to hold the bacteria at bay. Now, however, it has been noticed that in cases where oxygen has been applied and where the wound is healing the progress was marked by the presence of common organisms and that if a relapse occurred the bacteria disappeared, so that one is led to the conclusion that a certain number of these living organisms are necessary in the formation of new and healthy flesh.

It was decided to enter upon a wider field of operations and test this experiment further—for it must be borne in mind that as yet it is only an experiment—and accordingly a committee of ladies and gentlemen, under the presidency of Baroness Burdett-Coutts, undertook to establish a hospital at 35 St. George's square, S. W. The hospital is small, but if funds were forthcoming a larger house could be secured. The oxygen used is said to be first generated in an iron funnel, and thence it is pumped into india rubber bags, according to the strength required. The part affected is then inclosed in a wooden box with a glass lid and cased round with oilskin. A tube communicates with the box and the bag, and in this way the oxygen is introduced into the box. Other apparatuses are contrived for the back, head and other parts of the body. The first effect is the cessation of pain, and the healing properties are quickly discerned. One case of an ulcer of 40 years' standing had yielded to the treatment in three weeks, another of 18 years in an equally short time, and many others had a similar tale to tell. Not one of the least of the virtues of the oxygen is its deodorizing power. It has also been tried on cases of baldness, with the result that the hair grew rapidly and in a short time was in a normal condition. To what length the curative properties of oxygen may be carried remains to be proved, but it has at least one advantage, that of extreme economy, for, beyond the cost of the oxygen, which is said, comes to about 2½ pence for hours, there is no expense for dressing or medicines.—British Sanitary Record.

Her Idea of Humor.

How delightful they are, those people who don't understand a joke, to whom the point in an anecdote is a delusion and a snare!

Miss P. is a clever woman and an excellent teacher. But the solid sciences are more in her particular line than anything which savors of the article called fancy.

Some years ago one of the children's magazines printed an amusing little jingle about a young lady at an archery party who became so alarmed at the promiscuous flight of the arrows that, in order to be perfectly safe from harm, she seated herself directly in front of the target.

Some days ago Miss P. was reading aloud from a bound volume of the magazine to some of her younger pupils. She read this jingle and coughed over it till tears came.

"Well, well, well!" said dear Miss P. "How true to life that is! I know hundreds of young people who are just foolish enough to bring their stools and sit down in that very spot."—Philadelphia Press.

He Has a Reason.

"He really doesn't want to be famous?"

"That's what he says."

"Do you believe it?"

"Well, yes. I know him pretty well, and I know it's a matter of conscience with him."

"I don't believe I quite follow you."

"Why, he wouldn't like to feel that he was even indirectly responsible for all the lies that are sure to be told about a famous man after his death."—Chicago Post.

Hopeful.

The dry goods merchant was explaining the situation to the new drummer he had just employed.

"Your predecessor," he said, "has gotten his business all tangled up, and if you take his place you will have a difficult task getting order out of chaos."

"I don't know who Chaos is," cheerfully replied the drummer, "but I bet I'll sell him a bill of goods if I have to hang on to him a week."—Detroit Free Press.

If we were to choose the most appropriate symbol of the fleeting, the evanescent, the perishable, the decaying, the here today and gone tomorrow, perhaps it would be a pair of boy's boots.

The pressure of atmosphere on a man's body is nearly 14½ tons.

MISCELLANEOUS.

Trees and Plants.
FRUIT AND ORNAMENTAL.
ROSES AND PALMS.
Imperiale Epineuse & Giant Prune.
WICKSON PLUM—LAMBERT CHERRY
QUEEN OLIVE
PIERCE GRAPE
☞ For complete list send for our new Catalogue.
CALIFORNIA NURSERY CO.,
NILES, CAL.
JOHN ROCK, Manager

FOR SALE.

50,000
Wild Riparia Rooted Vines,
Non-irrigated. Scions of the leading varieties and cuttings of Lenoir and Riparia cut to order in lots to suit.
Orders for cuttings and scions should be in as early as possible. Address
O. R. RUFUS,
Sonoma City, Cal.

Fits Cured
From U. S. Journal of Medicine
Prof. W. H. Peeke, who makes a specialty of Epilepsy, has without doubt treated and cured more cases than any living Physician; his success is astonishing. We have heard of cases of 20 years' standing cured by him. He publishes a valuable work on this disease, which he sends with a large bottle of his absolute cure, free to any sufferers who may send their P. O. and Express address. We advise any one wishing a cure to address Prof. W. H. PEEKE, F. D., 4 Cedar St., New York.

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AMERICAN STABLES.

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BOOT & SHOEMAKER.
Shop on East Side of Plaza, Sonoma.
Repairing a Specialty.

THE CITY BAKERY
East side of the Plaza, Sonoma.
French Bread Fresh Every Day Delivered to all Parts of the Valley.
L. QUARTAROLI,
PROPRIETOR.

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WANTED—FAITHFUL MEN OR women to travel for responsible established house in California. Salary $ and expenses. Position permanent. Reference. Enclose self-addressed stamped envelope. The National, Star Insurance Bldg., Chicago.

INDEX-TRIBUNE

SONOMA, FEBRUARY 13, 1897.

H. H. GRANICE - - - - - - - - - - - - EDITOR.

THE WATER PROBLEM.

THE ENGINEERS EMPLOYED BY THE CITY SUBMIT THEIR REPORT.

It Will Cost $25,000 for a System Which Will Have to be Operated by a Pumping Plant.

THE LEWIS PROPOSITION.

The following is the report in full of engineers Von Geldern and Grunsky, who have been working on the water problem for several months past. The report was submitted to the Board of City Trustees last week and some action will be taken upon it at their next meeting:

To the Hon. Board of Trustees of the City of Sonoma.

Gentlemen: At your request we have made a general study of the problem of securing for Sonoma an ample supply of good water under reasonable pressure, and the inquiry has been advanced to a point where a report embodying the results to date, seems advisable, particularly as on the basis of a report now submitted, it may be determined by your Honorable Board that a further prosecution of our investigations is unnecessary at this time.

As we stated in our preliminary report, under date of August 18th, 1896, there seems to be an abundant supply of water available for you from local artesian wells and springs, but the utilization of any local source necessarily involves the establishment and maintenance of a pumping plant and service reservoir, and entails a considerable outlay each month for operating expenses, attendance, fuel, etc.

You were not able at the time of our preliminary examination in August, 1896, to indicate any source of water supply that could be made available by gravity flow at a reasonable expense, and pending your securing options on some or all sources of supply that might be thought available, we did not continue our examinations until notified by you of an offer by Mr. L. L. Lewis, to deliver water to you at the limits of your City under ample pressure for your needs.

It is now necessary for you to have definite information as to the cost of supplying water to the City by a pumping plant from a well or spring, in order that you may be in a position to determine the merits of the proposition made or to be made to you by Mr. Lewis.

The most economical water works system from a local source of supply would result, if water were obtained from artesian wells, somewhere within one block of the north side of your Plaza, and for purposes of comparing costs, only, we may presume water of good quality and in ample quantity to be there available. The works required to distribute this water under ample pressure for domestic and public use, and protection against fire, are estimated to cost:

One compound duplex pump and engine, capacity 300 to 750 gallons per minute, one 50-horse power boiler, buildings, suction from wells, tank connections, etc.		$5,000
Four tanks, aggregate capacity 200,000 gallons, on trestle		3,200
Pipe system:		
1500 feet 8-inch cast iron at $1.10	$1,650	
1320 feet 6-inch cast iron at 80c	1,056	
8580 feet 4-inch cast iron at 60c	5,148	
14900 feet 2-inch wrought iron at 22c	3,278	11,132
One 8-inch gate, one 6-inch gate, eight 4-inch gates, twelve 2-inch gates, twenty-two valve boxes and twenty-six fire hydrants		1,162
Purchase of water lot and boring of artesian wells		2,306
		$22,994
Add for engineering, incidentals, etc, about 10 per cent		2,306
Total		$25,300

Should any definite offer to your Honorable Board, covering the purchase of a lot with or without wells, be taken into consideration, it would, of course, be necessary to modify somewhat the foregoing estimate.

The operating expenses would be about $50 per month for fuel and $75 per month for attendance. It is believed that one attendant could take complete charge of the pumping station as well as of collections of water rates.

The proposition made to you by Mr. Lewis puts you to no expense at the outset, except the putting in of a distributing system of pipes and fire hydrants, which would be as follows:

3320 feet 8-inch cast iron pipe, at $1.10	$3,322	
1280 feet 6-inch cast iron pipe at 80c	1,024	
6330 feet 4-inch cast iron pipe at 60c	4,158	
13,550 2-inch wrought iron pipe at 22c	2,981	$11485
One 8-inch gate, two 6-inch gates, seven 4-inch gates, twelve 2-inch gates, twenty-two valve boxes, twenty-six fire hydrants		1,162
		$12,543
Add for engineering, incidentals, etc., about 10 per cent		1,347
Total		$14,000

Cost of operation need not exceed a percentage payment to the Collector of water rates estimated for present conditions at $30 per month.

COMPARISON OF COST—AMOUNTS PER MONTH.

	Local Source of supply Amt of bonds $25,300		Fowler Creek System Amt of bonds $14,000.	
	Present Conditions.	After Ten Years.	After Twenty Yrs.	After Twenty Yrs.
Sinking Fund	$ 53	$ 53	$ 53	$ 29
Interest, at 6 per cent	127	945	633	35
Operating expenses	125	150	175	75
Cost of water.				150
Totals per month	$ 305	$ 398	$ 291	$ 289
Totals per year	3660	3976	3492	3468

	Fowler Creek System Amt of bonds $14,000.	
	Present Conditions.	After Ten Years.
Sinking Fund	$ 20	$ 20
Interest, at 6 per cent	70	63
Operating expenses	30	60
Cost of water.	50	100
Totals per month	$ 179	$ 232
Totals per year	2148	2784

No allowance has been made in this comparison for depreciation of the plant and repairs. This would be practically the same on the distributing pipes for both systems. Cost of repairs and depreciation of value of pumps and tanks and connections with tanks would therefore still further increase the difference in above figures in favor of the Fowler Creek System.

This being apparent, it will be proper for you to finally dispose of the propositions emanating from Mr. Lewis before you prosecute the inquiry concerning availability of a local supply, which as we have verbally advised you, can not be carried to a satisfactory conclusion without pumping tests that would entail considerable expense.

We have to state, however, that we have had no opportunity of seeing Fowler Creek at its lowest stage, and are not prepared, therefore, to furnish you with any testimony concerning its low water flow at the point where Mr. Lewis proposes to divert its water for your use. Neither could we arrive at any conclusion as to the quality and fitness of its water for domestic use. Both of these questions require special examinations and measurements of the flow of the creek in the fall of the year, when the stream is at its lowest stage. At the time of our visit on January 16th, 1897, Fowler Creek, just below its junction with Lennox Creek, had a flow of over 100 miners inches (about 1,300,000 gallons per 24 hours) and its water was perfectly clear.

Should you, at this time, enter into an agreement with Mr. Lewis to take water from him special care should be taken to obtain a suitable guarantee that the water furnished shall be good, wholesome water, and ample in quantity, and to reserve the right to take water elsewhere in case that supplied by him be not satisfactory.

Under such an arrangement the City will risk practically nothing in providing a suitable distributing system of pipes, because, except as to location of main pipe line, the same system would serve for any other source of supply.

As conditions desirable to be prescribed for the success of the Fowler Creek System without local storage, we suggest:

1. That the works for diverting water from Fowler Creek should be located below the junction of Fowler and Lennox Creeks, at an elevation not less than 50 feet above the water surface of the reservoir as hereinafter referred to.

2. That the diverting dam in Fowler Creek should be of a permanent character, constructed either of masonry or concrete.

3. That with a water surface elevation at least 180 feet above the street curb at the north-east corner of the intersection of Napa street and First-street East, and not more than four miles distant therefrom, a reservoir should be constructed with cement or asphalt concrete lining, having a capacity of at least 3,000,000 gallons.

4. That the main pipe from the reservoir to the City be so connected with the conduit to the reservoir from the creek that water can be delivered whenever desired, direct from the creek into the main pipe without passing through the reservoir.

5. That from the reservoir a pipe line should be maintained in good condition, having an inside diameter of ten inches to a point not more than 6,500 feet distant from the point where Napa street intersects the western city limits; and an inside diameter of eight inches thence to the City limits.

6. That the conduit from diverting dam to reservoir should have a capacity of at least 1,000,000 gallons per day.

7. That whenever required by the Board of Trustees, the crossing of Sonoma Creek shall be effected in a cast iron pipe, carried under the creek bed.

In suggesting the above pipe line and reservoir capacity due regard has been had to the prospective growth of your city.

The water consumption in your city, upon completion of works, population for estimate purposes assumed at 1,000, should not exceed 100,000 gallons per day. This amount does not, however, indicate the maximum rate of consumption which is greatest at certain hours of the day, and which may often exceed twice the average rate of consumption.

But in planing water works which are to serve you for twenty years or more, the possible growth of your city must not be lost sight of, and it is not unreasonable to suppose that within the life of a pipe system the demand for water will be doubled, consequently we conclude that the pipe system should be planned on the assumption of an average delivery of 200,000 gallons of water per 24 hours and a maximum rate of delivery of about 600,000 gallons.

The pipe line above indicated, if in exclusive use for the supply of water to your City, will furnish this maximum quantity from a reservoir located at the site preliminarily indicated by Mr. Lewis to the pipes at the Plaza, under a pressure of 65 lbs. per square inch equivalent to a hydrostatic head of 150 feet. But when water is in demand for extinguishing fire, the above maximum rate may be exceeded. The pipe line will meet the increased demand, but pressure will fall with increased delivery. It will be at the rate of 900,000 gallons per 24 hours [37,500 gallons per hour] under a hydrostatic head of 90 feet, and at the rate of 1,250,000 gallons per hour with a free outfall at the Plaza.

It will be seen from these notes relating to probable consumption of water in your City, that any source of supply now developed for your use should furnish over 200,000 gallons, say 250,000 gallons of water per 24 hours. We have, therefore, indicated to you verbally, and now desire to confirm our advice, that you should have a suitable guarantee from Mr. Lewis, or any one else offering to supply water for distribution, that not less than 250,000 gallons of water per day [nearly 20 miners inches] shall be made available, and that the delivery of this water at the limits of your City, or at any other point where it is to be received, shall be under a hydrostatic head of not less than ninety feet above the grade height of Napa street at the south-east corner of the Plaza.

So long as the City has no use for all the water which Fowler Creek is capable of supplying through works established by Mr. Lewis, it is very likely that a portion of the water will be disposed of by him to third parties, and that he will make use of the pipe line to the City for the delivery of such surplus water.

In view of this possibility pipe line, dimensions have above been indicated, considerably in excess of what would be required if the use of the pipe line were restricted to the service of Sonoma, and we believe that with a guarantee of a minimum quantity of water under a prescribed pressure, the interest of the City will be fully protected in that direction.

We submit herewith a general map on a scale of 600 feet to the inch, showing the results of our surveys made to determine distance of Fowler Creek from Sonoma and relative elevations.

We submit also a plan of a portion of the City of Sonoma, showing the system of distributing pipes which has been made the basis of the estimate for the Fowler Creek project.

Very respectfully,

OTTO VON GELDERN,
C. E. GRUNSKY,
Civil Engineers.

An Old Settler.

When the rheumatism first preempts certain tracts of your anatomy it may be ousted easily, but when it becomes an old settler it is pretty hard to budge. Remember this when you experience the first twinges of this obstinate and agonizing disease, and attack it with Hostetter's Stomach Bitters. It will then "make tracks," and possibly leave you unmolested and in peacable possession of your own comfort in the future. Peril always attend rheumatism, if it become chronic, on account of its tendency to attack the heart. Usually it is complicated with kidney trouble. Certain it is that the kidneys, when aroused by the Bitters, will eliminate impurities which give rise to rheumatism and dropsy. In inclement or wet conditions of the weather, the Bitters, taken in advance, will often avert rheumatic trouble. Use this genial family medicine for dyspepsia, biliousness, headache and constipation.

Subscribe for the INDEX-TRIBUNE if you want the local news.

There is more Catarrh in this section of the country than all other diseases put together, and until the last few years was supposed to be incurable. For a great many years doctors pronounced it a local disease, and prescribed local remedies, and by constantly failing to cure with local treatment pronounced it incurable. Science has proven catarrh to be a constitutional disease, and therefore requires constitutional treatment. Hall's Catarrh Cure, manufactured by F. J. Cheney & Co., Toledo, Ohio, is the only constitutional cure on the market. It is taken internally in doses from 10 drops to a teaspoonful. It acts directly on the blood and mucous surfaces of the system. They offer one hundred dollars for any case it fails to cure. Send for circulars and testimonials. Address, F. J. Cheney & Co., Toledo, O.

Sold by Druggists, 75c.

It is the continual dropping of water that wears away the stone. By keeping your advertisement ever before the eyes of the reader of these columns he will become so accustomed to your name that when he is in need of your wares he will unconsciously turn his steps your way. To a certain extent the constant appearance of a man's name and business is an assurance of reliability.—Ex.

It now transpires that in addition to the $56 allowed W. S. Staley, as an attache for one day of the present disreputable Legislature, that he was allowed $31 mileage. Verily, whom the gods wish to destroy they first make mad.

Merit

Is what gives Hood's Sarsaparilla its great popularity, its constantly increasing sales, and enables it to accomplish its wonderful and unequalled cures. The combination, proportion and process used in preparing Hood's Sarsaparilla are unknown to other medicines, and make Hood's Sarsaparilla

Peculiar to Itself

It cures a wide range of diseases because of its power as a blood purifier. It acts directly and positively upon the blood, and the blood reaches every nook and corner of the human system. Thus all the nerves, muscles, bones and tissues come under the beneficent influence of

Hood's Sarsaparilla

The One True Blood Purifier. $1; six for $5.

Hood's Pills cure Liver Ills; easy to take, easy to operate. 25c.

Dr. Carl Wallisch,

PHYSICIAN AND SURGEON. OFFICE and residence east side of Broadway, one block below the High School, Sonoma.

LEGAL.

INSOLVENCY NOTICE.

Notice to Creditors.

In the Superior Court in and for the County of Sonoma, State of California.

In the Matter of Pietro Cheda, An Insolvent Debtor.

PIETRO CHEDA, AN INSOLVENT debtor, having applied to this Court for a discharge from his debts, it is hereby ordered that the Clerk of this Court give notice to all creditors who have proved their debts, to appear before this Court, at the Court-room of Department Two thereof, on the 15th of MARCH, 1897, at the hour of 11 o'clock A. M., and show cause, if any they have, why the said Pietro Cheda should not be discharged from all his debts, in accordance with the statutes in such cases made and provided.

It is further ordered, that notice of said application be given to the creditors by mail, and by publication of this order once a week for four weeks in THE SONOMA INDEX-TRIBUNE, a newspaper published in said Sonoma county.

Dated February 8, 1897.

S. K. DOUGHERTY, Judge.

Attest:

SOMERS B. FULTON, Clerk.

By M. G. HALL, Deputy Clerk.

F. T. DUHRING, Attorney for said Insolvent.

MISCELLANEOUS.

—AT—

Schocken's Store.

YOU WILL FIND

New Goods.

No Clearance Sale, but

Up to Date Prices

AND A

Brand New Stock to Select From.

Groceries at San Prondisco Cash Prices.

Shoes, Mens' Razor Toe, from $1.75 to $3.

Glassware and Crockery

Overstocked which I have to dispose of at a loss to make room for other goods.

SAN FRANCISCO & NORTH PACIFIC RAILWAY CO.

OFFICIAL TIME SCHEDULE

Leave Sonoma. WEEK DAYS	Leave Sonoma. SUN-DAYS	Effective Oct. 14, 1896. TO AND FROM.	Arrive Sonoma. SUN-DAYS	Arrive Sonoma. WEEK DAYS
6.18 AM	8.10 AM	San Francisco	10.25 AM	10.30 AM
2.50 PM	3.37 PM	San Rafael and intermediates	7.15 P M	7.17 PM
9.30 AM	10.25 AM	Glen Ellen and intermediates	8.10 AM	6.18 AM
7.17 PM	7.15 PM		3.37 PM	2.50 PM
6.18 AM	8.10 AM	Novato Petaluma Santa Rosa and intermediates	10.25 AM	10.30 AM
2.50 PM	3.37 PM		7.15 PM	7.17 PM
6.18 AM	8.10 AM	Cloverdale Healdsburg Lytton and intermediates	7.15 PM	10.30 AM
2.50 PM				7.17 PM
6.18 AM	8.10 AM	Ukiah and intermediates	7.15 PM	7.17 PM
6.18 AM	8.10 AM	Sebastopol and intermediates	10.25 AM	10.30 AM
2.50 PM	3.37 PM		7.15 PM	7.17 PM
6.18 AM	8.10 AM	Guerneville and intermediates	7.15 PM	10.30 AM
2.50 PM				7.17 PM

A. W. FOSTER, Pres. & Gen. Manager. R. X. RYAN, Gen. Pass Agt.

This Is Your Opportunity.

On receipt of ten cents, cash or stamps, a generous sample will be mailed of the most popular Catarrh and Hay Fever Cure (Ely's Cream Balm) sufficient to demonstrate the great merits of the remedy.

ELY BROTHERS,
56 Warren St., New York City.

Rev. John Reid, Jr., of Great Falls, Mont., recommended Ely's Cream Balm to me. I can emphasize his statement, "It is a positive cure for catarrh if used as directed."—Rev. Francis W. Poole, Pastor Central Pres. Church, Helena, Mont.

Ely's Cream Balm is the acknowledged cure for catarrh and contains no mercury nor any injurious drug. Price, 50 cents.

BECAUSE

Bad weather prevented many from attending OUR SPECIAL SALE during the first week, we will continue for one week more to give you

15 Per Cent Off for Cash.

15 per cent off on Clothing
15 per cent off on Boots & Shoes
15 per cent off on Dry Goods
15 per cent off on Furnishing Goods

Consult your own interest.

Buy now

—AT—

F. CLEWE'S.

LEGAL.

Sheriff's Sale.

Under Order of Sale on Foreclosure of Mortgage.

Bank of Sonoma County, (a Corporation,) Plaintiff,
vs.
Georgiana L. Schell, May B. Curtis, Mary E. Pleasant and M. Marti, Defendants.

By virtue of an Order of Sale on Foreclosure of Mortgage, issued out of the Superior Court of the County of Sonoma, State of California, on the 5th day of February, A. D., 1897, on a judgment and decree of said Superior Court, rendered on the 7th day of December, 1896, in favor of Bank of Sonoma County (a corporation), plaintiff, and against Georgiana L. Schell, defendant, for the sum of Six Thousand Three Hundred Three and 80-100 ($6303.80) dollars, Gold Coin, with interest thereon at the rate of 7 per cent. per annum from the date of December 7th, 1896, and for the further sum of $250.00 attorney's fees and for costs of suit, amounting to the sum of $14.35, and decreeing that the premises described in plaintiff's complaint be sold and the proceeds applied to the expense of said sale, the costs of said action, and the debt due plaintiff from defendant, Georgiana L. Schell, the whole amount aggregating $6,568.15 Gold Coin, and the same to be at interest at the rate of 7 per cent. per annum until paid.

Also, in favor of May B. Curtis, defendant and cross-complainant and against Georgiana L. Schell, defendant, for the sum of Five Thousand and Six Hundred Sixty-Four and 40-100 ($5664.40) dollars, Gold Coin, with interest thereon at the rate of 7 per cent. per annum from the date of December 7th, 1896, and for the further sum of $250 attorney's fees and for costs of suit, amounting to the sum of $10.00, and decreeing that the premises described in defendant May B. Curtis' cross-complaint be sold and the proceeds applied to the expense of said sale, the costs of said action, and the debt due defendant May B. Curtis, cross-complainant, from defendant, Georgiana L. Schell, the whole amount aggregating $5,924.40, Gold Coin, and the same to be at interest at the rate of 7 per cent. per annum until paid.

Now, therefore, in pursuance of said judgment and decree and order of sale issued, and to me directed, I will offer for sale on the day hereinafter stated the property authorized to be sold under and by virtue of said decree:

FIRST TRACT—All the right, title and interest and estate of the said Georgiana L. Schell, as an heir at law, and devisee and legatee, or otherwise under and by virtue of the last Will and Testament of Theodore L. Schell, deceased, or otherwise, in and to the following described tract of land situate, lying and being in the County of Sonoma, State of California, and particularly described as being a portion of the Huichica Rancho, and designated upon the map of the said Rancho as made by one Bradley and shown on said Bradley's survey thereof, as Lots numbered Thirty-seven (37) and Thirty-eight (38) and all roads and streets surrounding said lots, containing about 328 acres.

That the proceeds from the said sale of the said property so ordered to be sold first be applied first to the satisfaction of the said judgment in favor of the said plaintiff, Bank of Sonoma County, (a corporation), and being for the sum of $6,568.15, Gold Coin, the amount as above stated, and after satisfying said amount of $6,568.15, with interest, and costs, if there be any surplus remaining, I am to pay such surplus to the said defendant, Georgiana L. Schell; and, second, I am to sell all the right, title, interest and estate of the said Georgiana L. Schell, as an heir at law, and as devisee and legatee, or otherwise, under and by virtue of the last Will and Testament of Theodore L. Schell, deceased; or, otherwise, in and to the following described lands situate, lying and being in the County of Sonoma, State of California, and particularly described as follows, to-wit:

SECOND TRACT—Being a portion of the Huichica Rancho and described as commencing at post L, on the southern line of the patent survey of the Huichica Rancho, bearing N. 48° 22' E., distant 103.15 chains from the post L on the bank of Sonoma Creek; and from said place of beginning running S. 48° 22' W. on said patent line 96 chains to land of Stofen; thence N. 28° W. 13.50 chains to a stake on the Northwest bank of slough; thence northerly on the westerly bank of the slough about 35 chains to a post marked with three notches; thence along a fence S. 88° 30' W. 9.15 chains; thence N. 4° W. 28.78 chains; thence S. 84° W. 2.96 chains to land of Goodman; thence on his line N. 7° 30' W. 19.60 chains to a stake; thence S. 85° W. 17.42 chains to a stake on the east line of the road; thence along the road N. 6° 30' W. 17.46 chains to a stake at the southwest corner of the land of Akers; thence on his line N. 78° 30' E. 3.63 chains to the patent line of said Rancho; thence N. 37° E. on said patent line 35 chains to lands of late Pauli; thence east on said land 90 chains to an iron pin from which the spire of the Catholic Church bears N. 37° 30' W.; thence N. 20.06 chains to a stake; thence E. 2.56 chains; thence N. 5.36 chains to an iron pin on land of Hyde; thence on his line N. 89° 45' E. 41.07 chains to an iron pin; thence on land of Switzer S. 30' W. 42.46 chains; thence on land of Ringstrom S. 1° E. 41.77 chains to a stake; thence W. 41.05 chains to a stake; thence S. 17.45 chains to the patent line; thence on said line N. 55° W. 4 chains to place of beginning. Saving and excepting therefrom Lots 37 and 38, and all streets or roads surrounding said lots according to the Huichica Rancho as laid down on Bradley's map thereof.

That the proceeds from the sale of the said tract of land hereinbefore and immediately above described and ordered sold secondly be applied as follows: To the payment of any deficiency remaining after applying the proceeds from the sale of the said first tract of 328 acres, more or less, upon said several sums due plaintiff, Bank of Sonoma County, and the balance of proceeds from the sale of the tract to be sold secondly, to the satisfaction of the said judgment in favor of defendant May B. Curtis and cross-complainant, and being for the sum of $5,924.40, Gold Coin, with interest and all costs, and if there still remains any surplus, then and in that case such surplus I am to pay to the said defendant Georgiana L. Schell.

Together with all and singular the tenements, heriditaments and appurtances thereunto belonging or in anywise appertaining. In accordance with said order and command, notice is hereby given that on

Monday, the 8th Day of March, 1897,

At 1.30 o'clock P. M. of that day, in the City of Santa Rosa, County of Sonoma, in front of the Court House (Fourth-street entrance), I will offer for sale at Public Auction and sell to the highest and best bidder for cash, Gold Coin, the above-described property, or so much thereof as may be necessary to raise sufficient money to satisfy said judgments with interest and costs.

SAM I. ALLEN, Sheriff.

Dated this 13th day of February, 1897.

W. B. HASKELL and F. A. MEYER, Attorneys for Plaintiff.

GORDON & YOUNG, Attorneys for Defendant and Cross-Complainant May B. Curtis.

WANTED—FAITHFUL MEN OR women to travel for responsible established house in California. Salary $780 and expenses. Position permanent. Reference. Enclose self-addressed stamped envelope. The National, Star Insurance Bldg., Chicago.

MISCELLANEOUS. | MISCELLANEOUS.

OUR SALE

HAS BEEN

Very Successful.

We have very little of the goods we advertised last week left, still we have a few pieces which we will sell at your own price.

For this week we have placed on the counter a fine line of

Ladies' Shoes at $1 per pair.

These Goods were sold at from $2.50 to $3.50 per pair. Come early to get choice of sizes. Also, a line of

Childrens' Shoes at 50c pair

Well worth $1.00 to $1.50. The only fault is they have heels.

Also,

Ladies' Underwear, Woolen Hose, Braids, Tapes, Bindings, Linen, Torchon Laces, Buttons, etc, etc.

All must be sold, as we do not intend to keep such goods in the future.

:-: DUHRING'S. :-:

CAMPI RESTAURANT.

THIRD STREET. SANTA ROSA.

BIZZINI & FERRINI, Proprietors.

The People of Sonoma Valley should not fail to give the CAMPI a trial. It is the most popular and best appointed restaurant in Santa Rosa. It has been established 20 years and during that time it has held its own while 15 other restaurants have had to give up. The CAMPI is neat and cozy and the meals are the best in town for 25c.

H. H. GRANICE.

REAL ESTATE AGENT.

SONOMA, CAL.

OFFERS FOR SALE SOME OF THE FINEST PROPERTIES IN SONOMA VALLEY.

McDONOGH & RUNYON,

COMMISSION MERCHANTS.

Wholesale -:- Dealers

—IN—

FRUITS AND PRODUCE.

U. S. Cipher Code. - - - Consignments Solicited - - - Send for Stencil.

408-410 DAVIS St., Telephone 176. P. O. Box, 2207
—SAN FRANCISCO, CAL.—

FOUR CARLOADS

—OF—

New Furniture

JUST RECEVIED BY

:-: MURPHY :-:

In Petaluma.

All direct from manufacturers and sold at 50 per cent. less than city prices.

Solid Oak Bedroom Sets	$12.50
New Style Bed Lounges A 1	$4.00.
Solid Oak Extension Tables	$4.00.
Elegant Writing Desks	$4.00

MURPHY, Petaluma.

INDEX-TRIBUNE

SONOMA, FEBRUARY 13, 1897.

CITY OFFICIAL PAPER.

LOCAL HAPPENINGS.

DISMISSED.

Esmond vs. Southern Pacific Company.

The $10,000 damage suit instituted by E. S. Esmond of Glen Ellen against the Southern Pacific Company was dismissed by Judge Dougherty for want of prosecution last Wednesday.

About eighteen months ago while Esmond and Pierce Powers were on their way to Glen Ellen they were run down by a Southern Pacific train at the Warfield crossing. The horse was killed, the vehicle demolished and Esmond received an injury to one of his hands that disabled him for several months. Powers escaped with slight bruises. Hence the suit. A number of witnesses had been summoned from Glen Ellen and sworn in for the defense, but when the case was called Attorney Gil Hall, representing J. P. Rodgers, asked that it be dismissed. Judge Dougherty held that he could not recognize Hall as representing Rodgers in the case for he had not been properly substituted. Attorney J. W. Oates, representing the railroad, then moved for a dismissal with a judgment for costs against the plaintiff, which was granted.

DISASTROUS FIRE.

Residence of A. B Brandt Destroyed.

The eight-room residence of A. B. Brandt, residing on his farm (the old Merrill place) two miles southeast of town, was burned to the ground on Thursday night last. The house was discovered to be on fire about 11 o'clock by Mrs. Brandt, and by the time the family were aroused they had barely time to escape with their lives. Nothing was saved. Had the wind been blowing in an opposite direction the barn also would have went up in flame. The fire is supposed to have caught from a defective flue.

The Firemen.

The Sonoma Volunteer Firemen held their regular and annual meeting last Wednesday evening, at which they elected the following officers: President, J. M. Cheney; Chief, J. E. Poppe; First Assistant Chief, G. S. Harris; Second Assistant Chief, G. A. Goess; Foreman Engine, S. Ciucci; Foreman Truck, Geo. Engler; Foreman Hose Cart, Geo. Breitenbach; Secretary, Jas. Albertson; Treasurer, A. G. Bulotti; Steward, D. Valenti. After the meeting the Firemen, with a number of invited guests, repaired to the Toscano Hotel, where mine hosts Ciucci & Martinoni had prepared an elegant banquet. The dining room was tastefully decorated with greens and flowers. Among the invited guests present were Wm. Glynn, R. A. Poppe, Wm. Hope, J. Barbarin, Gustave Seipp, Chas. Cheney, L. Leech, H. Hartin, Jos. Ryan, R. E. Perkins, Al. Koster, Adam Adler, Henry Bates, Frank Burris, Adolph Robin. The committee on banquet and invitations were J. E. Poppe, G. A. Goess and H. Eraldi.

The Late Poultry Show in Oakland.

At the late Poultry Show held in Oakland Sonoma county was well represented and as usual its exhibitors were the heaviest winners. The yards represented in Sonoma Valley took twenty regular premiums and fourteen special prizes, including a tie on Association sweepstake for the greatest number of birds scoring 90 points or over and greatest number of birds shown by one exhibitor in at least three classes. Our valley exhibitors were also awarded the prize for best display in Asiatic class, and carried off the gold medal for ten best light Brahmas and the silver cup offered by the "American Minorca Association" for best white Minorca cockerel. There is no denying the fact, when these annual shows are taken into consideration, that this valley is peculiarly adapted to poultry raising.

Re-appointed Postmaster.

Mrs. Amelia H. Bates has been re-appointed Postmaster of this place for the term of four years. Her commission, which bears the signatures of Grover Cleveland and W. L. Wilson, the Postmaster General, dates from the 12th day of January, 1897.

RAILWAY OFFICIALS VISIT SONOMA.

Said to Be Negotiating for the Purchase of the Buena Vista Park Grounds.

On Wednesday last President Foster, accompanied by R. X. Ryan, H. C. Whiting, A. Markham and Engineer Zook, of the S. F. & N. P. Railway Company, paid Sonoma a visit. They came up in the directors' private car and spent nearly the whole day here. Shortly after their arrival they were driven to Buena Vista Park, belonging to the estate of the late Mrs. Kate Johnson, one mile east of town, and after inspecting the large house and its beautiful surroundings, President Foster and party returned to San Rafael.

It has been rumored for some time past that the railroad people were negotiating for the purchase of the property for the purpose of converting it into a rural resort.

Should Buena Vista pass into the hands of Mr. Foster and his associates it will be of benefit to both town and valley.

The people of Sonoma, who are heartily in accord with the railroad officials in anything that will bring people into our valley, last week forwarded a petition to President Foster denying, as was recently stated in the *Call*, that they were "up in arms" against the proposition of the company to open up a rural resort in the suburbs of town. The petition contained the name of almost every business man and property owner in Sonoma.

President Foster has acknowledged the receipt of the petition and in his letter to the Chairman of the Petition Committee says, among other things:

Dear Sir: I am in receipt of yours of 1st inst. enclosing petition signed by the people of Sonoma in reference to article recently published in the *Call*. I have to thank the people of Sonoma for their hearty co-operation and good feeling as evidenced by this petition, and can assure you that when opportunity offers I shall be very glad to assist the people of Sonoma in any way in my power.

Yours truly,
A. W. FOSTER.
President and General manager.

Three Horses Killed.

The 6:30 passenger train of the Southern Pacific Company ran into and killed three horses on the Snyder ranch, two miles southeast of town, last Tuesday evening. The animals, which had strayed on the track, were picked up by the cow-catcher of the on-rushing train and thrown high in the air. The horses were the property of M. Marti, the lessee of the ranch, and were valued at several hundred dollars.

New Advertisements.

The attention of our readers is called to the new ads. which appear in these columns this week.

S. Schocken announces new goods and up to date prices.

F. Clewe advertises that his 15 per cent off special sale will continue one week longer.

Dr. Carl Walliser's professional card also appears.

G. H. Hotz announces one more great cut in prices, commencing today and lasting one week.

Subscribe for the INDEX-TRIBUNE if you want a reliable local paper.

Runaway Boys.

Four boys between the ages of twelve and thirteen ran away from the Orphans' Home at Vallejo, on Saturday morning last. Deputy Sheriff Ohm was notified by telegram to look out for the runaways, who were seen heading toward Schellville. After a short search the youngsters were discovered fast asleep in Mont. Akers barn by the officer, who escorted the boys to his home, where he kept them over night and the next day took them back to Vallejo and delivered them over to the matron of the Home. The runaways were intelligent and well dressed and the reason assigned for their leaving was fear of being punished for disobedience.

If your tea is not good, why don't you drink water? It is cheaper and better for you than poor tea.

If it *is* good, your stomach is glad to get it; does its work better.

Schilling's Best is good tea—at grocers' in packages.

A Schilling & Company
San Francisco 405

Death of D. Sloper.

David Sloper, who was employed in McHarvey's blacksmith shop in this place several years ago, died at his home in Petaluma last Saturday evening. His death was very sudden and was caused by heart disease. Mr. Sloper was a native of Iowa, fifty-three years of age. On August 21st, 1862; when eighteen years of age, he enlisted in Company A of the Fourteenth Iowa Infantry, soon being appointed corporal. He served actively for twenty-two months during the war, and was discharged under general orders in November of 1864. For over a score of years, says the Petaluma *Courier*, Mr. Sloper resided here, although for a few years he was in business at Sonoma. He was industrious, upright, and a respected citizen, whose family was his first thought. Having an excellent voice he frequently took part in local entertainments, and he was a lover of vocal music.

Judgment Filed.

The judgment rendered in the case of Sonoma county vs. P. N. Stofen and his bondsmen was filed with the County Clerk Tuesday.

The judgment is for $7,815.79 with interest from December 28th, 1894, and costs, amounting to $154.05, and is against P. N. Stofen and each of his bondsmen, Doyle, Overton, Shea and Brush severally. Hollis Hitchcock was also a bondsman, but the proper substitute papers not having been served upon the executors of his estate the judgment does not run against the estate.—*Santa Rosa Democrat.*

Off for the Cannibal Islands.

Geo. Spanning and J. Mitchell left last Wednesday for San Francisco, where they joined a party of two hundred young men who will shortly sail to the South Sea Islands on a voyage of conquest George, we wish you *bon voyage* and trust that you will not find your way into the soup kettle of one of those Cannibal Islanders, and that you will eventually return to Sonoma a Nabob.

Gets the School House.

The election held in the Harvey district, one day this week, to decide whether or not the school house belonging to the district be removed to El Verano, was carried in the affirmative, and the building will shortly occupy a site on one of the streets of that dreary town.

Special Meeting of City Trustees.

A special meeting of the City Trustees has been called for this evening to discuss the water question. L. L. Lewis will be present to explain his plan of furnishing water to Sonoma and to make an offer to its citizens.

Deed Recorded.

The Trustees of the Sonoma High School have received the deed to the old College building and grounds and it was recorded in Santa Rosa last Tuesday.

At Schocken's store you will find new goods. No clearance sale, but up to date prices and a brand new stock to select from. *

SCHELLVILLE SIFTINGS

Mrs. H. Pozzi has gone to San Francisco to visit friends.

Joe Donahue made a flying business trip to Napa last Wednesday.

Mrs. J. Steiner and infant daughter of Sacramento are visiting relatives here.

Mrs. Pauline McMullen has returned to her home in this place after a week spent with her mother, Mrs. Bates, during her recent illness.

A large number of the members of the Schellville Rod and Gun Club are expected here at their club house this evening. Mr. Phillips, the chief cook, and his associates arrived yesterday.

The birthday anniversary of Mrs. C. Ohm was celebrated at her home in Embarcadero last Saturday evening. There were present a number of young folks from Vallejo who rendered some choice vocal selections in honor of the occasion.

A tea was given at the pretty home of Mrs. Wm. Goodman in Schellville on Thursday of last week. The afternoon was pleasantly spent with social converse and listening to a number of piano selections by Miss Mattie Goodman and Mrs. Ohm. Those present were Mrs. E. Cassabohm, Mrs. M. Akers, Mrs. C. H. Ohm, Miss Mattie Goodman, Miss Dora Howe and Mrs. L. Waugaman.

TRILBY.

Schellville, Feb. 12, 1897.

Groceries at San Francisco prices at Schocken's. Mens' shoes, razor toe, from $1.75 to $3.00. *

PERSONAL AND SOCIAL

And Other Matters of Interest to the General Reader.

[Contributed by Marjorie Dow.]

Items of a personal and social nature are thankfully received at this office and will be edited by Marjorie Dow.

Henry Raschen, formerly proprietor of the Union Hotel in this place, but who removed to San Francisco several years ago, has sold the Chicago Hotel in that city and is now engaged as ticket agent for a line of steamers running to Hamburg, Bremen and all parts of Europe. His office is 138 Montgomery street.

Dr. H. H. Davis returned from a visit to the metropolis last Wednesday evening.

H. Weyl attended to business in San Francisco one day this week.

Supervisor Putnam was over from Vallejo Township last Thursday looking after the roads.

Miss Agnes Duhring went to San Francisco yesterday to attend the wedding of two of her friends.

Tickets are now on sale for the entertainment and hop to be given by the High School Social Club on Washington's Birthday, and can be had from any of the High School students. The evening's entertainment will open with the laughable farce "The Obstinate Family," to be followed by "I Am My Brother," a clever comedy in one act translated from the German by C. W. Contess. Both pieces will be appropriately costumed. The object in giving the entertainment by the students is a most commendable one. The proceeds will be applied to improving the laboratory of the High School, which, owing to a lack of school funds, is sadly in need of replenishing. Every public-spirited citizen in Sonoma Valley should purchase a ticket and attend.

Miss Sadie McHarvey returned last Sunday evening from an extended visit with Vallejo friends.

David Carr of San Francisco was the guest of his parents in this place last Sunday.

F. T. Duhring and D. D. Davisson were passengers on the north bound Southern Pacific train last Sunday evening.

Mrs. Phœbe Hearst, widow of the late Senator Hearst and owner of the Madrone vineyards near this place, has given $200,000 to found a mining school in connection with the State University at Berkeley as a memorial to her husband. She gives largely to the free kindergardens, supports several college settlements and contributed $1,000 to the recent campaign for the woman suffrage amendment. She has also given $200,000 to establish a fine gymnasium for girls at the State University. She said to Miss Anthony, "I am doing all this to make girls fit to vote.

Miss Amy Maxwell has been quite ill at her home in the western suburbs of town the past week.

Little Grace Dougherty, daughter of Judge and Mrs. S. K. Dougherty, recently celebrated her third birthday anniversary at the home of her grandparents, Attorney and Mrs. Lippett of Petaluma. Many pretty presents were received by the little lady.

C. F. Earle, proprietor of the Sonoma Valley Poultry Yards, registered at the Grand Hotel, San Francisco, last Sunday.

James Lynch, William Harrold and George Suttranger of San Francisco were guests at the Sonoma House last Sunday.

Miss Sara Cady spent several days in San Francisco this week.

Miss Dora V. Howe left Sonoma last Sunday for an extended visit to relatives and friends in Stanislaus, Fresno, Sacramento and El Dorado counties.

Mrs. Prunty, who is visiting in Kansas, expects to return to her Sonoma Valley home about March 1st.

Mrs. Claude Burlingame returned to her home in San Francisco last Thursday morning after spending several days at Green Leaf Orchard.

Mrs. F. T. Duhring is expected home next week. Mrs. Duhring has been on a visit to her parents in Santa Barbara for several weeks.

Never bite your lips, or any bits of detached skin, unless you wish to ruin your lips, destroy their color and vitality, and, perhaps, give rise to eruptions. The mouth, like the tongue, is one of the "mirrors of health."

ROYAL

BAKING POWDER
Absolutely Pure.

Celebrated for its great leavening strength and healthfulness. Assures the food against alum and all forms of adulteration common to the cheap brands. ROYAL BAKING POWDER CO., NEW YORK.

The home of Mr. and Mrs. Harry Weise of Santa Rosa was brightened last Tuesday by the advent of a brand new bouncing baby boy.

The M. E. Church will hold its regular quarterly conference meeting on Sunday February 21st. Rev. Gale of Santa Rosa, Presiding Elder of this district, will be present and deliver a sermon.

A little four-year-old was in the upper berth in a sleeping car. Waking in the night, he was asked if he knew where he was. "Tourse I do," was the answer. "I'm in the top drawer."

Miss Elsie Appleton spent last Saturday in the metropolis.

A new book, "Knitting and Crochetting," of sixty-four pages, over fifty original designs illustrated, beautiful lace patterns, shawls, hoods, jackets, etc., has been published by The Home, 141 Milk street, Boston, Mass., and will be sent with a subscription to that paper. The Home is a twenty-page monthly filled with original stories, literary and domestic topics and fashions. Its department of Fancy Work is a special feature, new and original designs each issue. The price of subscription is fifty cents per year and will include one of these books. As a special inducement to trial subscribers a copy of this book will be given with a six months' subscription. The price of the book is twenty-five cents, but a six months' subscription and the book combined will be sent for fifteen cents. Their annual premium list for 1897 will be sent free on application.

Mr. and Mrs. J. E. Buchan are rejoicing in their Iowa home over the birth of a new baby boy, which arrived on January 26th. Mrs. Buchan is a daughter of Mrs. J. A. Poppe, Sonoma's lady merchant.

Accident at Glen Ellen.

Mrs. B. K. Williams of Glen Ellen, mother-in-law of Jailor Harry Weise, on Saturday last slipped and fell, breaking her right arm. Mrs. Williams, who is over seventy years of age, was taken to the home of her daughter in Santa Rosa, where the arm was set. Considering her age the injury is said to be very serious.

Where there's smoke there's fire

If there is starch in baking powder there is likely something strong and perhaps unwholesome to make up the leavening strength.

You can discover the starch by pouring on hot water and see it settle to the bottom of the glass. Try this with

Trophy

23 Tillmann & Bendel, Mfrs.

Get Our Prices on Groceries.

Nauert's : Cash : Store,

Cheapest Place in Town.

Cor. Main and B Sts. PETALUMA, CAL.

MISCELLANEOUS. MISCELLANEOUS.

SCOTT & VEALE

SELL

Hardware, Tinware, Stoves, Farm Implements, Incubators and Brooders at San Francisco Prices.

Sanitary Plumbing done and Tinware repaired. See our Coal Oil Heaters. Get our prices before buying.

868-870 MAIN ST., PETALUMA.

THOMAS ROACH,

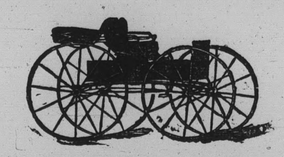
WHOLESALE AND RETAIL DEALER IN

Groceries, Provisions, Butter, Cheese & Feed

Masonic Temple, Corner Main St. and Western Ave. PETALUMA, CAL.

UNION

Livery and Feed Stables



SONOMA, CAL

GRANVILLE S. HARRIS, Proprietor.

First-class Stables in Every Particular.

HORSES BOARDED BY THE DAY, WEEK OR MONTH.

Terms Reasonable.

Stage Office of the Southern Pacific Railroad.

ONE MORE

Great Cut Down in Prices

Commencing Feb. 13,

And lasting for one week, when we will mark down our whole line of Goods. Nothing will be excepted. You can buy whatever you may specially need at a REDUCED RATE.

Remember this is a strictly CASH OFFER.

G. H. HOTZ.

MISCELLANEOUS.

The Place To Trade.

HEMENWAY & McALLISTER

GROCERS.

McNear's Building, Lower Main st., Petaluma.

SONOMA HOUSE

Sonoma, Cal.

This well-known House has just been reopened and will be conducted in a First-Class Style.

THE BAR will be supplied with the very best of Wines, Liquors and Cigars.

MRS. ELLEN GLYNN.

SCHOONER FOUR SISTERS.

HAUTO, MASTER,

Will make three trips per week from EMBARCADERO to SAN FRANCISCO and return. Shippers of Fruit, etc., can obtain terms by applying to owner at Jackson-street wharf, San Francisco, and at Embarcadero or Schellville P. O. jy1-1y

MISCELLANEOUS.

Pioneer Store. Insurance

CHAS. J. POPPE,

DEALER IN

Dry Goods, Groceries —AND— GENERAL MERCHANDISE.

Glen Ellen, Sonoma Co., Cal.

MEAT MARKETS.

Central Market.

SOUTH SIDE OF PLAZA, SONOMA.

HENRY HARTIN, Proprietor.

MAKES A SPECIALTY OF FINE

Beef, Mutton, Pork and Sausage.

Eastern Hams, Bacon Lard, Fresh Ranch Butter and Eggs.

Fresh Fish Every Thursday and Friday.

Vegetables Fresh from the Garden and Tropical and Semi-Tropical Fruits.

Orders delivered to all parts of the valley free of charge.

WEYL'S

Meat Market,

Spain St., Sonoma.

HENRY WEYL, Proprietor.

Beef, Pork, Mutton, Sausage, Lard, Hams, Bacon, Butter, Eggs, Poultry, Vegetables, Etc., Etc.

GIVE ME A CALL.

WANTED—FAITHFUL MEN OR women to travel for responsible established house in California. Salary $ and expenses. Position permanent. Reference. Enclose self-addressed stamped envelope. The National Star Insurance Bldg., Chicago.

SONOMA INDEX - TRIBUNE.

SONOMA, SATURDAY, FEB. 13, 1897.

Boarding School Food.

In The Martian, Du Maurier tells of the sort of food supplied at French boarding schools, and by no means overrates its superior excellence. In no other country outside of France does the nutrition of growing youth receive higher consideration. If the meals served at schools there be compared with those given at similar institutions in England, the merit of the French system will be apparent. The simple first breakfast of coffee and rolls, the second consisting of hors d'oeuvres, a dish of meat or fish, one vegetable, salad and a sweet, and the dinner at 6 o'clock of similar composition, with the addition of soup, supply just what is needed to encourage mental effort and satisfy physical well being. In England an entirely different system is in vogue. Breakfast at an English boarding school is a substantial meal, served at 7 o'clock. In most cases it consists of fish, ham or bacon, eggs and porridge three or four times a week, with plenty of milk and sugar. Dinner at 1 o'clock is a most solid repast, lacking, however, in a sufficiency of green vegetables. Supper at 6 o'clock is mainly farinaceous. It consists of tea, bread and butter. Dr. Savory, medical officer of Haileybury college, in England, in a paper treating of this subject, says that it is the complaint of English teachers that the work done by schoolboys after dinner is not of much use.

The doctor thinks that it is unfortunate that they cannot have a half holiday every day to digest their dinner. He would also allow a glass of mild beer. He found that about one boy in four drank two glasses of it in summer. He thinks it unwise to absolutely forbid alcohol, as a boy always craves that which is forbidden. At French boarding schools the pupils drink light claret mixed with water at every meal except the first, breakfast. The nutrition of French schoolboys is thoroughly adapted to their habits and environment. The English in feeding theirs believe in bulk in food as more conducive to digestion and the demands of intense muscular effort exacted by the athletic exercises in which they indulge.—New York Sun.

Du Maurier and Morris.

One of the most extraordinary parallels in chronology is the almost exact coincidence of the time spent in the world by two men who had so much to do with the molding of the literature and art of their day as George Du Maurier and William Morris. Du Maurier, the elder of the two, was born exactly 16 days before Morris, on March 6, 1834, and he died but four days after him; so that these two great men, who lived more than 62 years, were on the earth for exactly the same time, with the exception of less than three weeks, both being born in March, 1834, and dying in October, 1896. Similarly, both Sir John Millais and the archbishop of Canterbury, who have died within a month or two of each other, were born in 1829. It is one of the most striking events in the long history of the archbishops of Canterbury that the late archbishop, who was one of Mr. Gladstone's appointments and afterward diverged from him in political opinions, should have been stricken while sitting in the squire's pew of his old friend at Hawarden. It is a most merciful thing that Mr. Gladstone did not happen to be in church. To a man of his years the shock must have been most dangerous. What an archbishop of Canterbury Mr. Gladstone would have made himself! He would have rivaled even Dunstan or Becket and not improbably proved the greatest prelate of them all.—New Orleans Times-Democrat.

Care For Your Shoes.

Never try to wear a shoe too small or that does not fit when you first put it on. There is no misery more nearly distracting than a shoe that hurts the foot. Never let your shoes get hard and dry. Don't let them run over. Don't let the heels run down. Don't dry a wet shoe till you have rubbed it well with a flannel cloth and then with vaseline. Never put near the stove. Half a peck of oats, kept in a small box, will be the very cheapest and best foot form for a wet shoe. Fill the shoe and shake the oats down, after having rubbed and oiled it, and set in a dry place to dry gradually. When dry, pour the oats back for further use. Do not "black upon blacking" more than a week at a time. Take a wet rag and wash the shoe at least once a week and oil overnight to keep in good condition. Never handle patent leather until you have warmed it. Never wear rubbers with good shoes. Put on old shoes in wet weather. There is no part of the apparel of a lady or a gentleman which should be more scrupulously neat or that is so often scandalously neglected.

He Was Anxious.

"Your wife's just met with an accident, Wilkins," said a man who rushed into the grocery. "She ran over a dog while riding her bicycle, and they've carried her to the hospital."

The man sitting on the cracker barrel rose to his feet excitedly, and his face turned pale.

"Did you notice," he asked in a trembling voice, "whether it was a liver colored dog, with two white spots on his fore shoulder, or not?"—Detroit Free Press.

Beards.

The plays, poems and treatises of the reigns of Elizabeth, James I and Charles I are full of amusing allusions to the variety of fashions in beards. We learn from them the various styles that were adopted by different wearers, such as the French, Spanish, Dutch and Italian cuts, the new, old, gentlemen's, common, court and country cuts.

When I write a poem, I am so excited, so carried away from the world, that I seem a stranger to myself.—Johanna Ambrosius.

In England there are 114 widows to every 54 widowers.

At the Eagle Hotel, Santa Rosa, the citizens of Sonoma Valley will find good accommodations at reasonable rates. See ad. *

THE FAMILY UMBRELLA.

Sir Walter Besant Describes the Real Old Fashioned Kind.

The real old family umbrella has gone out.

Call that slim, stuck up, affected, attenuated thing a family umbrella? writes Sir Walter Besant. Go away. I remember the genuine family umbrella. It was kept in readiness behind every front door. It was a large, portly, heavy instrument. As an emblem of respectability it was highly esteemed in middle class society. It was serviceable as a tent in rainy weather. It could be used as a weapon of offense and defense on occasion.

I have seen a picture of an elderly gentleman keeping off a footpad by means of this lethal umbrella. He made as if he would spear or prod the villain. Why, one prod would alone make a hole of six inches diameter in that murderous carcass. The nurse used to carry it, with difficulty managing the baby and umbrella. It went out to tea with the young ladies. The maid who "fetched" them home took the umbrella with her. It succeeded the lantern and the club formerly carried by the 'prentice when he escorted his mistress to the card party after dark. I remember it, I say.

There were three brothers who came to the same school where I was but a tiny little boy. They lived at some distance, and had to pass on their way to school through a stratum of inferior respectability. Every morning brought to these three brothers the delight and the excitement of battle with the boys belonging to that inferior respectability. To the eldest brother, who carried the really important weapon, the umbrella was exactly what his battleax was to the Lion Heart. So he raised it; so he wielded it; so he swung it; so he laid his enemies low to right and to left of him, before and behind him, while the other two, relying on the books tightly strapped, brought them to bear, with shrewd knocks and thwacks and poundings, on heads and shoulders and ribs.

'Twas a famous family umbrella—green, too, if I remember aright.

"THE VOCAL STUDENT."

Mme. Melba on the Exactions and Rewards of a Musical Career.

Mme. Melba addresses students of music in an instructive, practical paper in The Ladies' Home Journal. She tells in her article on "The Vocal Student" of the necessity of securing a thoroughly competent teacher, of practice, and the care of the health; emphasizes the importance of being trained musicians as well as vocalists, talks of the monetary value of a musical training and of European study. With regard to the monetary rewards of a capable singer Mme. Melba says: "To a girl properly trained and qualified the profession of a vocal teacher is one of the most remunerative. Good teachers are scarce and in great demand, and as the fees are large an excellent income may be obtained. Next comes the career of the church singer. Every church has its choir, and in the majority of cases the soloists composing it are paid, and often well paid. Engagements as a drawing room singer can be secured in large cities when one has talent and faculty, and when the voice is not sufficiently large for its possessor to become a concert singer.

"The fees of the successful concert singer are large; she is constantly in demand; her repertory is of songs, not of entire roles, and is more easily acquired; her expenses are limited to the cost of a few evening gowns, in the place of scores of costumes. For the opera singer there is plenty of hard work, but for that there is the compensation of being associated in many cases with the famous artists of the world, whom to know is a liberal education."

Ropes and Belts.

It is asserted that repeated experiments have proved, in the transmission of power, that ropes and belts, when well arranged, absorb almost the same amount of power. Some French trials in this line, as reported in Engineering Mechanics, were made, it appears, with a 200 horsepower engine, fitted with rope and belt flywheels 14¾ feet in diameter. The steam engine had a flywheel for the belt and one for the ropes. The dynamo was driven direct off the flywheel, without a counter shaft, and was provided with two pulleys, one for the belt and one for the ropes. The dynamo was driven direct off the flywheel, being mounted on adjusting screws, so that the tension of the belt or ropes could be regulated at will. A cotton belt, a leather belt, and a homogeneous leather belt and ropes were of standard quality. Experiments of a comparative nature were made alternately with the ropes and belts, several tests each day, the results being as above indicated.

The Dreaded Consumption Can Be Cured.

T. A. Slocum, M. C., the Great Chemist and Scientist, Will Send, Free, Three Bottles of His Newly Discovered Remedies to Sufferers.

Editor INDEX-TRIBUNE—I have discovered a reliable cure for Consumption and all Bronchial, Throat and Lung Diseases, General Decline, Loss of Flesh and all Conditions of Wasting Away. By its timely use thousands of apparently hopeless cases have been cured. So proof-positive am I of its power to cure, that to make its merits known, I will send, free, to any afflicted reader of your paper, three bottles of my Newly Discovered Remedies upon receipt of Express and Postoffice address. T. A. SLOCUM, M. C., 98 Pine Street, N. Y.

When writing the doctor please mention this paper.

Children Cry for Pitcher's Castoria.

Children Cry for Pitcher's Castoria.

Children Cry for Pitcher's Castoria.

When Baby was sick, we gave her Castoria.
When she was a Child, she cried for Castoria.
When she became Miss, she clung to Castoria.
When she had Children, she gave them Castoria.

MISCELLANEOUS. MISCELLANEOUS.

CASTORIA

for Infants and Children.

THIRTY years' observation of Castoria with the patronage of millions of persons, permits us to speak of it without guessing. It is unquestionably the best remedy for Infants and Children the world has ever known. It is harmless. Children like it. It gives them health. It will save their lives. In it Mothers have something which is absolutely safe and practically perfect as a child's medicine.

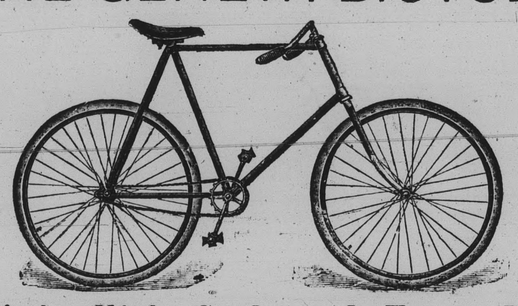
Castoria destroys Worms.
Castoria allays Feverishness.
Castoria prevents vomiting Sour Curd.
Castoria cures Diarrhœa and Wind Colic.
Castoria relieves Teething Troubles.
Castoria cures Constipation and Flatulency.
Castoria neutralizes the effects of carbonic acid gas or poisonous air.
Castoria does not contain morphine, opium, or any other narcotic.
Castoria assimilates the food, regulates the stomach and bowels, giving healthy and natural sleep.
Castoria is put up in one-size bottles only. It is not sold in bulk.
Don't allow any one to sell you anything else on the plea or promise that it is "just as good" and "will answer every purpose."
See that you get C-A-S-T-O-R-I-A.

The fac-simile signature of Chas. H. Fletcher is on every wrapper.

Children Cry for Pitcher's Castoria.

THE CENTAUR COMPANY, 77 MURRAY STREET, NEW YORK CITY.

THE GENEVA BICYCLE



Strictly High Grade and Up to Date.

Handsome,
Strong,
Light,
Durable.

— WE ARE ALSO AGENTS FOR —

The Barnes, the Union Crackajack.
The World and Manhattan Bicycles.

We also carry a Large Assortment of Second-Hand Wheels, which we sell from $20 upward.

HOOKER & CO., 16 and 18 Drumm St.
San Francisco, Cal.

THE
CLEVELAND

HERE THERE EVERYWHERE

H. A. LOZIER & CO.
304-306 McAllister
SAN FRANCISCO.
SEND FOR CATALOGUE
The Cleveland

FOUR CARLOADS

—OF—

New Furniture

JUST RECEIVED BY

MURPHY

In Petaluma.

All direct from manufacturers and sold at 50 per cent. less than city prices.

Solid Oak Bedroom Sets.....$12.50
New Style Bed Lounges A 1.....$4.00.
Solid Oak Extension Tables.....$4.00.
Elegant Writing Desks.....$4.00

MURPHY, Petaluma.

MISCELLANEOUS.

DYSPEPSIA

Is that misery experienced when suddenly made aware that you possess a diabolical arrangement called stomach. No two dyspeptics have the same predominant symptoms, but whatever form dyspepsia takes

The underlying cause is in the LIVER,

and one thing is certain no one will remain a dyspeptic who will

TAKE SIMMONS LIVER REGULATOR

It will correct Acidity of the Stomach. Expel foul gases, Allay Irritation, Assist Digestion and at the same time

Start the Liver working and all bodily ailments will disappear.

"For more than three years I suffered with Dyspepsia in its worst form. I tried several doctors, but they afforded no relief. At last I tried Simmons Liver Regulator, which cured me in a short time. It is a good medicine. I would not be without it."—JAMES A. ROANE, Philad'a, Pa.

"As a general family remedy for Dyspepsia, Torpid Liver, Constipation, etc., I hardly ever use anything else, and have never been disappointed in the effect produced; it seems to be almost a perfect cure for all diseases of the Stomach and Bowels."—W. J. MCELROY, Macon, Ga.

SONOMA INDEX - TRIBUNE

BOOK & JOB

PRINTING OFFICE

Job Work of Every Description Printed at City Prices.

Letter Heads,
Note Heads,
Bill Heads,
Wine Labels,
Statements,
Posters,
Dodgers

Wedding Stationery

Business Cards,
Party Invitations,
Dance Programmes,
Receipts,
Tags,
Envelopes,
Etc., Etc.

Send in Your Orders.

KARL'S CLOVER ROOT PURIFIES THE BLOOD TRADE MARK

IT GIVES FRESHNESS AND CLEAR SKIN.
CURES CONSTIPATION
INDIGESTION. DIZZINESS.
ERUPTIONS ON THE SKIN.
BEAUTIFIES COMPLEXION.
$1.50. FOR A CASE IT WILL NOT CURE.

An agreeable Laxative and NERVE TONIC. Sold by Druggists or sent by mail. 25c., 50c. and $1.00 per package. Samples free.

KO NO The Favorite TOOTH POWDER for the Teeth and Breath, 25c.

MISCELLANEOUS.

ED. WEGNER.

DEALER IN

FRESH DRUGS

Perfumery, Patent Medicines,
Stationery, Candies, Nuts.
Cigars, Tobacco.

PAINTS AND OILS

—AND—

GENERAL MERCHANDISE.

Prescriptions Carefully Compounded

United States St., Opposite Plaza.
SONOMA CITY.

G. DeBernardi,

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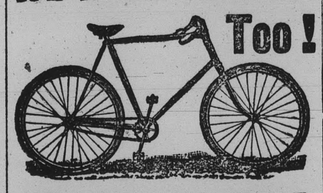

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